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## B. Amendments to the specification:

Please amend the specification under the provisions of 37 C.F.R. \$1.121 as follows:

After the Abstract of the Disclosure and before the Figures, please add the paper copy of the "Sequence Listing" attached hereto as **Exhibit A**.

Please replace the paragraph on page 4, lines 18-29, with the following amended paragraph:

Figure 2 - A: Shows cleavage of hybrid substrate by reaction of deoxyribozyme 12E (13) (SEQ ID NOs: 1 and 2) modified with biotin; fluorogenic reaction is shown with substrate double Upon cleavage (SEQ ID NOs: 2-4) there is an end-labeled. increase in fluorescence emission of fluorescein F, as black hole BH quencher is removed. When substrates are attached to surfaces, F is substituted with amino group and there is no Two other deoxyribozymes 10-23 (14, substrate changes to BH. central 5'rGrU) (SEQ ID NO: 5) and 17E (15) (SEQ ID NO: 6) may also be used. B: Streptavidine complexed with four biotinlabeled deoxyribozymes grabbing and cleaving the fuel in solution. Streptavidine is a tetramer organized in D2 point symmetry, however with an appropriate linker length this should not be a factor.

Please replace the paragraph on page 4, lines 31-33, with the following amended paragraph:

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Figure 3: Shows alternative construct having four and six deoxyribozymes attached at double helix (SEQ ID NOs: 7 and 8) or three-way (SEQ ID NOs: 9-11) junction. Wiggly line represents flexible polyethylene glycol spacers.